

**Information Provided by
Environmental Unit Leader 2**

ENVIRONMENTAL STATUS BOARD (ICS 204E)

INCIDENT NAME: Isom Explosion **FIELD ASSIGNMENT NO.** _____

OPERATIONAL PERIOD:

Start Time/Date: 8:00 pm March 24, 2005 **End Time/Date:** 12:00 noon. 3/25/05

DIVISION/GROUP: _____

SPECIFIC ENVIRONMENTAL CONCERNS AND AVOIDANCE/MITIGATION MEASURES:

ENVIRONMENTAL CONCERNS	AVOIDANCE/MITIGATION MEASURES
Spills (facility wide)	Assessment
Naphtha spill @ Isom	Fire control
S/D of other units – need advance notification?	When understood, notify TCEQ & GCHD
Waste disposal – contaminated PPE, etc.	Waste Disposal Plan
Fire water run-off	Contain to WWTP / sample
Air emissions	Fence line monitoring
Asbestos Runoff due to expected rain this weekend	Developing Plan

CONTACT FOR MORE INFORMATION: Watson Dupont

**Information Provided by
Command Section 9**

**STRATEGIC OBJECTIVES
STATUS BOARD (ICS 202)**

INCIDENT NAME: Isomerization Unit Explosion_____

OPERATIONAL PERIOD: # 4 3/25/05 8:00 am – 3/25/05 8:00 p.m. _____

1. Proactively take care of all affected personnel
 - a. Provide support for injured personnel and families at hospitals
 - b. Support Coroner Center Facility for families
 - c. Provide counseling support for affected personnel
 - d. Provide critical stress debriefing for Emergency Response Personnel
 - i. BP Responders
 - ii. IMAS Responders
 - iii. Texas City Fire Department/Other Municipal Fire Departments
 - iv. CIMA Responders

2. Secure Incident Site
 - a. Comply with temporary restraining order

3. Support Incident Investigation(s)
 - a. OSHA
 - b. Chemical Safety Board
 - c. BP Internal
 - d. PACE

4. Manage internal/external communications

5. Continue to manage legal issues

6. Continue assessing resources needed for next operational period. Also maintain off hour call list for agencies.

7. Complete open items of Ultracracker punch list.

8. Continue appropriate sampling strategy to ensure safety of site and community

9. Stabilization and transition plan. Include destaffing of IMT and transition to core team.

OBJECTIVES FOR NEXT OPERATIONAL PERIOD (DATE) _ (TIME)_

n/a

Information Provided by Situation Unit Leader 11

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. INCIDENT NAME: ISOM Explosion Operation Period 4 Update

2. OPERATIONAL PERIOD COVERED BY PLAN:

Start Time/Date: 3/25/2005 0800

End Time/Date: 3/25/2005 1600

3. COMMAND SECTION:

Incident Commander	<u>Rich Peltier</u>
Unified Commanders	<u>Karen McCormick EPA</u> <u>Walter Rodriguez (TCEQ)</u>
Deputy Incident Commander	<u>Allen Hardee</u>
Safety Officer	<u>Tom Halaska</u>
Information Officer	<u>Susan Dio</u>
Liaison Officer	<u>Randall Browning</u>
Law Officer	<u>Tracey Rogers/James North</u>
Human Resources Officer	<u>Paula Sharp/</u> <u>Melanie Hughes</u>

5. PLANNING SECTION:

Chief	<u>Dave Schilling/Jhana Enders</u>
Situation Unit	<u>Norine Stein</u>
Resource Unit	<u>John Isgren</u>
Documentation Unit	<u>Cathy Frank/Debbie Bolton/</u> <u>Connie Morris/Sandra</u> <u>Williams</u>
Demobilization Unit	_____
Safety & Health Unit	<u>Mary K. Alberts</u>
Environmental Unit	<u>Dan Lutz/Watson Dupont /</u> <u>Denis Malloy</u>
Ongoing Process Unit	_____

6. LOGISTICS SECTION:

Chief	<u>Jorge Mata</u>
Service Branch	<u>Don Chapman</u>
Communications Unit	_____
Medical Unit	<u>Dr. Boswell</u>
Food Unit	_____
Support Branch	_____
Supply Unit	_____
Facilities Unit	_____
Security	_____
Ground Unit	_____

7. FINANCE/ADMINISTRATION SECTION:

Chief	<u>Jody Wilson</u>
Time Unit	_____
Procurement Unit	<u>John Calobrisi</u>
Compensation/Claims Unit	<u>Robert Knight</u>
Legal	_____
Human Resources Group	_____
Cost Unit	_____

4. OPERATIONS SECTION:

Chief	<u>Clay Reeves/Russell Muhlbauer</u>
On-scene Commander	<u>Mike Gibson/Ken Kirk</u>
Site Safety/Env. Coord.	<u>James Ferguson</u>
Staging Area Manager	<u>James Hudson</u>
Documentation Aide	<u>Hollis Mast/Danny Gardner</u>

a. Branch I: Air Monitoring

Director Operations	<u>Garner Team – Curtis Galloway</u>
Division/Group	_____
Division/Group	_____
Division/Group	_____
Division/Group	_____

b. Branch II: Search Rescue

Director	_____
Division/Group	_____
Division/Group	_____
Division/Group	_____
Division/Group	_____

c. Branch III: Remediation

Director	<u>EPA – Valmichael Leos</u>
Division/Group	_____
Division/Group	_____
Division/Group	_____
Division/Group	_____

d. Branch IV:

Director	<u>Weston - Chad Hall</u> <u>(EPA contractor)</u>
Division/Group	_____
Division/Group	_____
Division/Group	_____
Division/Group	_____

e. Branch V:

Director	_____
Division/Group	_____
Division/Group	_____
Division/Group	_____
Division/Group	_____

Information Provided by Environmental Unit Leader 1

SAFETY STATUS BOARD (ICS 204S)

Operational Period #4 (3/24 8:00 pm – 3/25 12:00 noon)

SAFETY OFFICER ON-SCENE? ☒ YES ☐ NO **NAME OF SAFETY OFFICER:** Michael Strait

Area Isolated? Barricade in progress <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Personnel Training Levels Verified? <input type="checkbox"/> Yes <input type="checkbox"/> No
Hazard Control Zones Established? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Decontamination Area(s) Established? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Hazard Control Zones Secured? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	First Aid Areas Established? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Medical Screening Established? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

LEVEL OF PPE REQUIRED: _____

SPECIFIC CHEMICAL HAZARDS AND AVOIDANCE/MITIGATION MEASURES:

CHEMICAL HAZARDS		AVOIDANCE/MITIGATION MEASURES
Benzene	Pentane, Bleach	Sample Water / Sewer Rundown to water treating plant individual monitoring from A001 & Lift Station 3
Hexane	C7	
Straight RU	Algaecide	
H2S	Acids	Follow site safety and Health Plan
Asbestos	Caustic NaOH	Monitoring throughout the day has shown no VOC, Benzene, S04, or H2
Light Raffinate	Natural Gas	
	Fuel Gas	Continue personal monitoring for Benzene using OVA badge
Butane	Lubricating Oils	

SPECIFIC PHYSICAL HAZARDS/MITIGATION MEASURES:

PHYSICAL HAZARDS	AVOIDANCE/MITIGATION MEASURES
Twisted pipe rubble	Rope off area
Asbestos	Wet down all insulation prior to disturbing, wear respiratory protection, pass through decon before leaving
Contaminated Hydrocarbons soaked soil	Vacuum truck pools of hazardous chemicals decontaminate/properly dispose soil
Fire from re-ignition sources	Fire watch on standby, apply water to area as needed
	Fire watch on stand-by
Biohazards	Garner services will be remediating all biohazards

INCIDENT-SPECIFIC SITE SAFETY PLAN:

☐ In Preparation Estimated Time of Completion: _____

☒ Completed and Approved

CONTACT FOR MORE INFORMATION: Eddison Arnold/Tom Halaska

INITIAL INCIDENT BRIEFING - ICS 201- 3 (page 3 of 5)
Tactical Response Team Organization

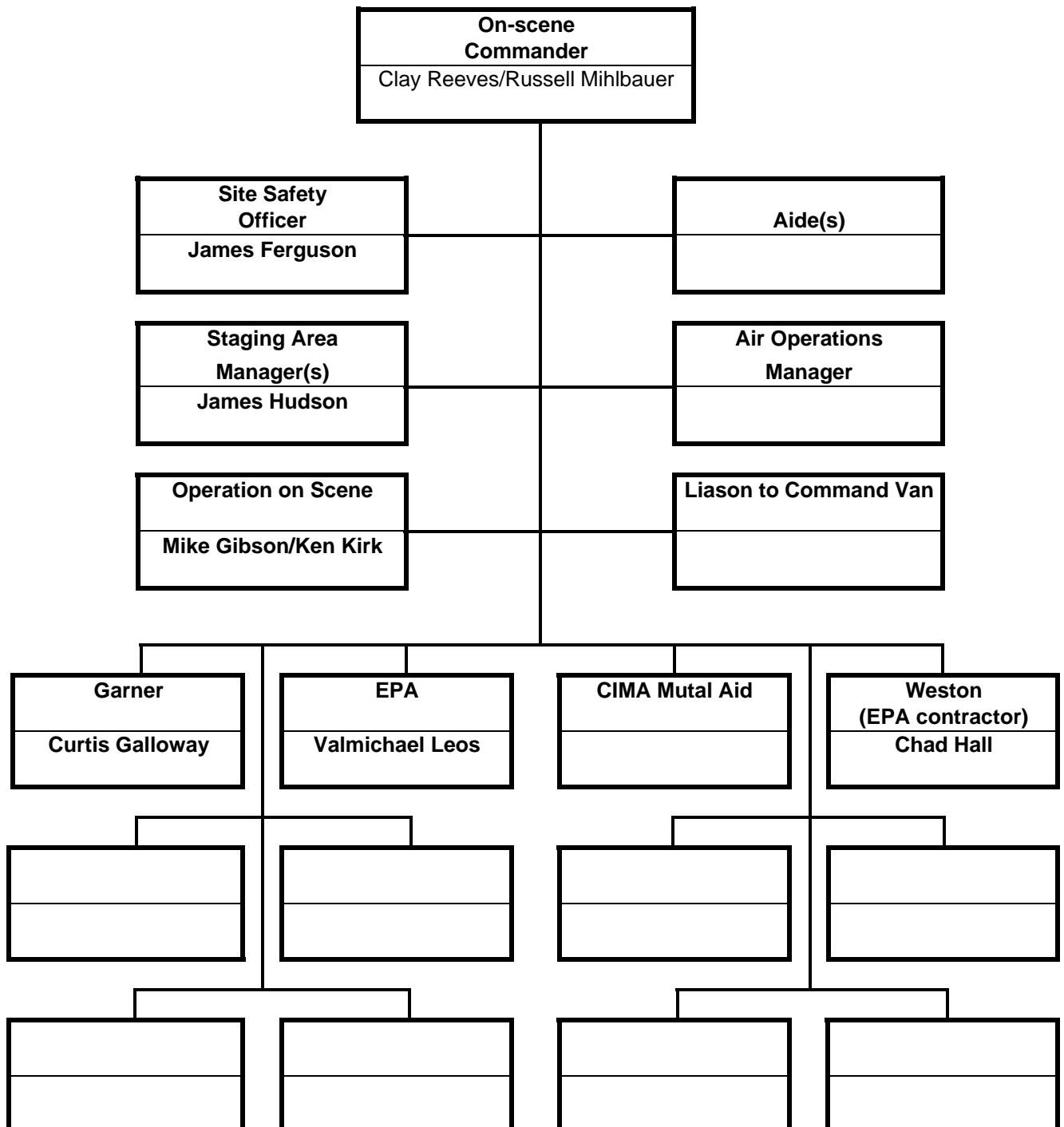
Incident Name: ISOM Explosion

Date Prepared: 3/24/05

Incident Location:

Time Prepared:

LOCATED AT THE TACTICAL COMMAND POST (TCP)



Prepared By:

ICS Position:

Phone:

COMMUNICATIONS PLAN (ICS 205)

1. INCIDENT NAME: Isomerization Unit Explosion

2. OPERATIONAL PERIOD COVERED BY PLAN: 4

Start Time/Date: March 24, 2005 8:00 pm End Time/Date: March 25, 2005 12 noon

3. COMMAND NETWORK

Source	Frequency	Channel	Phone/Fax No.	Assignment
Phone				
Internet				

4. TACTICAL NETWORK

Source	Frequency	Channel	Phone/Fax No.	Assignment
Cell Phones				
Radio				

5. SUPPLY NETWORK

Source	Frequency	Channel	Phone/Fax No.	Assignment
Phone				

6. OTHER NETWORKS (e.g., CRISIS)

Source	Frequency	Channel	Phone/Fax No.	Assignment

7. APPROVED BY: _____ TIME/DATE: _____

MEDICAL PLAN (ICS 206)

1. INCIDENT NAME: Isomerization Unit Explosion

2. OPERATIONAL PERIOD COVERED BY PLAN: 4

Start Time/Date: March 24, 2005 8:00 p.m. **End Time/Date:** March 25, 2005 12 noon

3. FIRST AID STATION(S)

LOCATION	DIVISION/GROUP(S) SERVED	RADIO/PHONE
Rehab for Firefighters and recovery workers	ERT Channel Industrial Mutual Aid (CIMA)	

4. GROUND AMBULANCE SERVICE(S)

LOCATION	DIVISION/GROUP(S) SERVED	RADIO/PHONE

5. AIR AMBULANCE SERVICE(S)

LOCATION	DIVISION/GROUP(S) SERVED	RADIO/PHONE

6. HOSPITALS AND TREATMENT FACILITIES

LOCATION	DIVISION/GROUP(S) SERVED	RADIO/PHONE
Clear Lake Regional Medical Center	Contractors	281-338-3110
Mainland Medical Center	Contractor/BP	409-938-5000
UTMB John Sealy	Contractor/BP	409-772-1011
Memorial Hermann Hospital	1 Contractor	713-704-4000

7. SUMMARY OF MEDICAL EMERGENCY PROCEDURES

HR, Contractor, and/or Leadership Team member located at all hospitals for family support

8. APPROVED BY: _____ **TIME/DATE:** _____

OPERATIONAL PERIOD / SCHEDULE OF MEETINGS STATUS BOARD

CURRENT OPERATIONAL PERIOD

STARTING DATE: March 24, 2005_____ **STARTING TIME:** 2000_____

ENDING DATE: March 25, 2005_____ **ENDING TIME:** 12 noon_____

MEETINGS FOR CURRENT OPERATIONAL PERIOD

TIME: 2300_____ **MEETING:** Situational Update_____

TIME: 0200 am _____ **MEETING:** Situational Update _____

TIME: 0500 am **MEETING:** Situational Update

TIME: 0800 **MEETING:** Situational Update

TIME: 1100 **MEETING:** Situational Update

TIME: _____ **MEETING:** _____

NEXT OPERATIONAL PERIOD

STARTING DATE: n/a_____ **STARTING TIME:**_____

ENDING DATE: _____ **ENDING TIME:** _____

MEETINGS FOR NEXT OPERATIONAL PERIOD

TIME: n/a _____ **MEETING:** _____

TIME: _____ **MEETING:** _____

TIME: _____ **MEETING:** _____

TIME: _____ **MEETING:** _____

TIME: _____ **MEETING:** _____

TIME: _____ **MEETING:** _____

IMT ASSESSMENT MEETING ACTION ITEM TRACKING LIST

ACTION ITEM	Resp. Party	Target Comp. Date / Time	COMP. Date / Time
Finalize accounting for all personnel	IC	3/24	3/24 2430 hrs
Set up EAP support	HR	3/24	3/24
Establish formal recovery team	IC	3/24	3/24 1700 hrs
Finalize org. list for 4 th shift	DMS	3/24	3/24 1800 hrs
Assemble hospital list	HR	3/24	3/24
Set up coroner room at Doyle Convention Center	HR		3/24
Asbestos identification and containment (inc rain)	Ops	3/24	Ongoing (sampling effluent for asbestos)
Establish BP community outreach	HR	3/24	3/24 1400 hrs
Safety Standdown	Eddison	3/24	3/24
Send non-essential contractors home	C. Snider	3/24	3/24 0830
Communication Plan	Ollie	3/24	ongoing
Survey adjacent units for damage and health/safety issues	Ops	3/24	Ongoing (hydrocarb on piping complete, structural ongoing)
Conference room set up for OSHA (CSC) investigation team		3/24	3/24
Electronic copies of all samples and monitoring results to EPA	HSE	3/25	
Electronic copies of incident documentation to EPA	Planning	3/25	
Show objectives around punch list for Ultracracker	Schilling	3/25	
New shift coming out—need consistent message for delivery	Halaska	3/24	3/24
Need to establish longer term solution to Doyle Center as a staging area for families	Paula	3/25	
Clarify restraining order for unit personnel	Law/PGA/Command	3/25	3/24 email
Survey storage tanks for damage	Ops	3/25	3/25 prelim
Expand community air monitoring/response to be elevated VOC at our fence line	Beverly Chen	3/25	3/25/05 VOC Normal
Repeat benzene monitoring around ISOM and include VOC	Beverly Chen	3/25	On-going

IMT ASSESSMENT MEETING ACTION ITEM TRACKING LIST

[illegible]

Notifications Status Board

(Agency / Site / Management / Etc.)

Site / Agency Notified	Name of Person Making Notification	Time of Notification	Comments
Pat Gower	Susan Dio	3/23 1:35 p.m.	
Rita Griffin	Norine Stein	3/23 1:40 p.m.	Left voice mail on mobile
Jack Niekamp	Norine Stein	3/23 1:40 p.m.	Spoke in person
BP Notification Center in Chicago	Bill Kilgore	3/23 1:50 p.m.	
TCEQ	D. White	3/23 1:38 p.m.	
GCHD	D. White	3/23 1:30 p.m.	
NRC	D. Lutz	3/23 1:30 p.m.	
SERC	D. Lutz	3/23 1:38 p.m.	
Texas City Air Space Clearance	H Galvan	3/23 1537 p.m.	Notified George Fuller
Lord Browne	St James IMT	3/23 3 pm CST	
TCEQ Incident Update	R Herrera	3/23 1550 p.m.	
TCEQ Air Upset Team	Dan Lutz	3/23 1950 p.m.	